Attorney Docket No. PD040002

Office Action Date: 08/18/10

## **Listing and Amendments to the Claims**

1. (Currently amended) A method for automatically generating <u>and dynamically adapting</u> an electronic menu including a plurality of menu pages, wherein menu pages contain selectable menu items with associated commands to be executed upon activation of the respective menu items, the method comprising:

associating a page number with each menu page;

a first menu page containing a first menu item with an associated command and said command associating with data, wherein the command associated with the first menu item comprises switching to another menu page;

determining a range of page numbers based upon said data associated with said command;

<u>dynamically</u> detecting available menu pages having page numbers within said range, <u>wherein said dynamically detecting is performed each time said command</u> associated with the first menu item is executed; and

selecting a second menu page upon activation of said first menu item, wherein the second menu page is one of the available menu pages and wherein the first and second menu pages are retrieved from different storage media.

- 2. (Previously presented) Method according to claim 1, wherein determining said range of page numbers is also based upon a page number of said first menu page.
- 3. (Previously presented) Method according to claim 2, wherein determining said range is further based on a page number of another menu page that is stored on the same storage medium as the first menu page.
- 4. (Previously presented) Method according to claim 1, wherein determining said range is based on a placeholder within said data associated with said command.

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5. (Previously presented) Method according to claim 1, wherein said data

associated with said command contain a numeric value, and wherein determining the

range of page numbers is based on the numeric value and a page number of said first

menu page, and wherein the second menu page is one of said available menu pages

having page numbers greater than the page number of said first menu page, if the

numeric value is positive.

6. (Previously presented) Method according to claim 1, wherein one of said menu

pages is stored in a file, or in a selectable portion of the file, and a page number of said

one of said menu pages is determined by a name of the file, or by the name of the file

and the selectable portion within the file, in which it is stored.

7. (Previously presented) Method according to claim 1, wherein the page number

associated with the first or second menu page depends on user specific settings.

8 – 11. (Cancelled)

12. (Previously presented) Method according to claim 1, wherein detecting the

available menu pages includes detecting if corresponding AV content selectable from

said available menu pages is also available.

13. (Currently amended) An apparatus for automatically generating and

dynamically adapting an electronic menu including a plurality of menu pages, wherein

each menu page contains selectable menu items with associated commands to be

executed upon activation of the respective menu items, wherein the apparatus

comprising comprises

a menu controller

for detecting a current menu page number of a menu page

currently displayed;

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for retrieving from at least two different storage media menu related data and other data being selectable through the currently displayed menu

page;

for determining from a request for displaying another menu page an

allowed range of page numbers for the another menu page;

for dynamically detecting available menu pages having page

numbers within said allowed range, wherein said dynamically detecting is

performed responsive to the request for displaying another menu page

each time said request is determined; and

for selecting said another menu page, wherein said another menu

page is one of said available menu pages.

14. (Previously presented) Apparatus according to claim 13, wherein determining

the allowed range of page numbers comprises comparing a received number with the

menu page number of said currently displayed menu page, wherein the received

number is included within said request.

15. (Currently amended) Optical storage medium for storing audio-visual content

and menu data for a multi-page menu, wherein menu pages have page numbers, and

wherein at least a first menu page contains a command for selecting a second menu

page, wherein

the command for selecting a second menu page specifies a range of menu page

numbers for said second menu page, and a predefined rule dynamically specifies which

one of menu pages having menu page numbers within the range is selected as said

second menu page each time the command in the first menu page is executed; and

at least one menu page having <u>a</u> page number within said range is not stored on

the optical storage medium.

16. (Previously presented) Method according to claim 2, wherein said data

comprises a placeholder.

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17. (Previously presented) Method according to claim 2, wherein said data

comprises a numeric value, and wherein the range is determined by the numeric value

and the page number of said first menu page, and wherein said second menu page is

one of said available menu pages having page numbers greater than the page number

of said first menu page, if the numeric value is positive.

18. (Cancelled).

19. (Previously presented) Method according to claim 2, wherein the page

number associated with the first or second menu page depends on user specific

settings.

20. (Previously presented) Method according to claim 2, wherein detecting the

available menu pages includes detecting if corresponding AV content selectable from

said menu page is also available.

21. (Previously presented) Optical storage medium according to claim 15,

wherein said command comprises a placeholder and said range of menu page numbers

is specified by said placeholder.

22. (Previously presented) Optical storage medium according to claim 15,

wherein said command comprises a numeric value and said range of menu pages is

specified by the numeric value and a page number of said first menu page based upon

said predefined rule.

23. (Previously presented) Optical storage medium according to claim 15,

wherein one of said menu pages is stored in a file, or in a selectable portion of the file,

and a page number of said one of said menu pages is determined by a name of the file,

or by the name of the file and the selectable portion within the file, in which it is stored.

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24. (Previously presented) Optical storage medium according to claim 15,

wherein the page number associated with the first or second menu page depends on

user specific settings.

25. (Previously presented) Method according to claim 5, wherein the second

menu is selected according to a predefined rule, the rule specifying which one of said

available menu pages having page numbers greater than the page number of said first

menu page is selected.

26. (New) Method according to claim 3, wherein said another menu page is,

among the menu pages stored on the first storage medium, contiguous to said first

menu page, and a page number of said another menu page is not contiguous to the

page number of said first menu page.

27. (New) Apparatus according to claim 14, wherein the currently displayed

menu page is retrieved from a first storage medium of said at least two different storage

media, and wherein said determining the allowed range of page numbers further

comprises comparing the received number with a menu page number of a further menu

page retrieved from said first storage medium, wherein the further menu page is, among

the menu pages stored on said first storage medium, contiguous to said first menu

page, and the page number of said further menu page is not contiguous to the page

number of said first menu page.

28. (New) Optical storage medium according to claim 15, wherein the command

for selecting a second menu page comprises a page number of another menu page that

is stored on said optical storage medium, wherein said another menu page is, among

the menu pages stored on the optical storage medium, contiguous to said first menu

page, and a page number of said another menu page is not contiguous to the page

number of said first menu page.